

POLAND

LECH-SKUGINSKA, J., Magister [Affiliation not given] (Lodz)  
"Some Problems of Open Pharmacies."

Warsaw, Farmacja Polska, Vol 19, No 15-16, 25 Aug 63, pp 335-  
336 and 352.

Abstract: Summary of lecture delivered at the session of the  
Health Service Circle (Kolo Sluzby Zdrowia) of the Democratic  
Front (Stronnictwo Demokratyczne) in Lodz on 4 June 1963,  
discussing progress in distribution and services of open phar-  
macies, with illustrations taken from the data for the city  
of Lodz, and the extreme hardships and overload of work to  
which pharmacists are subjected. There are no references.

1/1

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000929120

Budapest XI Fehervari ut 71/73  
Thermogravimetric analysis of mullite formation in the  
kaolinite-aluminum fluoride system. Acta chimica Hung  
40 no. 1:79-97 '64.

1. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'-  
nykh materialov, Budapest.

ACCESSION NR: AT4044019

H/2502/64/040/001/0079/0097

AUTHOR: Lechei, V. (Locsei, Bela)(Doctor)

TITLE: Thermogravimetric investigation of mullite formation in the kaolinite-aluminum fluoride system

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 40, no. 1, 1964, 79-97

TOPIC TAGS: kaolinite, aluminum fluoride, kaolinite aluminum fluoride system, mullite formation, thermoanalysis, thermogravimetry, derivative thermogravimetry, differential thermal analysis, reaction kinetics

ABSTRACT: This is the first of a series of thermoanalytical investigations in solid-state chemical exchange reactions. Thermal process in the kaolinite-aluminum fluoride system has been studied by thermogravimetric, derivative thermogravimetric, and differential thermal analysis. A D.T.G. recording apparatus of the F. Paulic, J. Paulic, and L. Erdey type was used. The formation of mullite occurred under thermal and rate parameters more favorable than those in systems of

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oxides. It was possible to establish an optimum kinetic process. According to the experimental results, the course of the reaction which leads to mullite is characterized by one exothermic and three endothermic effects. The actual site of these effects depends partly on the content of aluminum fluoride and on the thermal gradient applied in the investigations. The stoichiometry of mullite formation was confirmed by diffraction investigations, by microscopic examinations and by analysis of the product obtained. The mineralization effect of hydrogen fluoride on the formation of mullite was similarly proved by differential thermal analysis. It was concluded that only by combining dynamic with static analytical methods could a clarification of solid-state reactions of higher order be obtained. The possibility of technological exploitation of the experimental data is stressed. Orig. art. has: 21 figures, 3 tables, and 1 formula.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh materialov, Budapest (Central Scientific Research Institute of Building Materials)

Card 2/3

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ENCL: 00

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OTHER: 015

SUB CODE: GC, IC

NO REF Sov: 000

Card 3/3

LECHEKHLEB, V.R.

1950. Rapid mass-spectrometric micro-method of  
isotopic analysis of oxygen in water. A. I. Brudskiy,  
S. G. Denisenko, L. E. Strizhak and V. R. Lechekhleb.  
Izdatelstvo Akademii Nauk SSSR, 1955. 26. Anal. Khim., 1955,  
vol. 10, no. 10. 1955. A mass-spectrometric method for  
determining the isotopic composition of oxygen in  
water with a 20-mg sample is described.  
G. S. Surin

VETSHEYN, V.Ye.; DEMIDENKO, S.G.; LECHEKHLEB, V.R.

Mass-spectrometric ion source for isotopic analysis of micro-  
quantities of lead. Prib. i tekhn. eksp. 6 no.2:130-131  
Mr-Ap '61. (MIRA 14:9)

1. Institut fizicheskoy khimii AN USSR.  
(Ion sources) (Lead--Analysis)

BURKSER, E.S. [Burkser, E.S.]; ALEKSEYEVA, Ye.N. [Alekseieva, K.M.];  
VETSHTEYN, V.Ye.; GOL'DENFEL'D, I.V.; DAVYDYUK, L.A. [Davydyuk, L.O.];  
DEMIDENKO, S.G. [Demydenko, S.H.]; YELISEYEVA, G.D. [Eliseieva, H.D.];  
LECHEKHLEB, V.R. [Lechekhlib, V.R.]; SHCHERBAK, M.P.

Accurate determination of the absolute age of rocks by the lead  
method. Geol.zhur. 21 no.5:48-57 '61. (MIRA 14:10)

1. Institut geologicheskikh nauk AN USSR.  
(Geological time) (Mineralogy)

BURKSER, Ye.S.; YELISEYEVA, G.D.; LECHEKHLEB, V.R.; SHCHERBAK, N.P.

Migration of lead in monazite and pitchblende. Biul.Kom.po  
opr.abs.vozr.geol.form. no.5:48-52 '62. (MIRA 15:11)  
(Monazite) (Uraninite)

DENIDENKO, S.G.; VETSHTEKH, V. Ye.; LEMTKELES, V.K.

Evaporator for the mass spectrometric analysis of samples in  
solid phase. Metod. spr. anal. vozr. geol. org. rostov-33-164  
(1981-1881)

LECHER, S. N.

1825. THE COMBUSTION PROCESS IN FLAMELESS COMBUSTION DUCTS. Zekherikov,  
N. A., Levin, L.M., and Lecher, S.N. (Izv. Inst. Issled. Gazu Akad. Nauk SSSR  
1953, No. 1, p. 112; U.S.S.R. Atom. Ener. Bur. Rep. No. 1953-11, 5-15).  
Ref. Zh. Tekhn. Kibernetika, 1956, (1), 7270. The combustion of  
a homogeneous mixture of natural gas with air in refractory tubes of different  
shape and dimensions is investigated for different heat loadings and excess  
air coefficients. Temperature measurements and chemical analysis of the  
combustion products along the length and cross-section of the tube show that  
the combustion process is principally determined by the mechanics of the flow  
associated with the formation of turbulent zones in the initial section of the  
duct and the process of heat exchange, enabling the wall temperature in the  
initial section to be maintained at the required height. The chemical  
analysis showed that at the walls of the initial section the flow consists of  
the products of complete combustion and no catalytic action of the wall  
surface is present. The carbon dioxide content of the gases at the wall is  
approximately the same throughout the length of the duct.

1-4E2C  
4E3d

JG off

LECHEN'KIY, I. G., Cand Med Sci -- (diss) "Material for the history of public health in Western Siberia (sixty years of the XIX-th century to 1917)." Omsk, 1957. 18 pp; (Omskiy State Medical Inst im M. I. Kalinin, Chair of Public Hygiene); 200 copies; free; (KL, 19-60, 138)

LEONENKOV, B.B. PHYSICIAN

CAND MED SCI

Dissertation: "Preservation of Indications of the Point of Entry on the Skin  
and Clothing Under Conditions of External Influences in the Case  
of a Gunshot Wound."

31 Oct 49

Second Moscow State Medical Inst imeni

I.V. Stalin

SO Vecheryaya Moskva  
Sum 71

LECHEV, S.

"Rationalization Activities During the First Six Months of 1954." p. 3,  
(RATIONALIZATSIIA, Vol. 4, No. 9, Sept. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

LECHEV, S.

"Achievements of the Czechoslovak low-voltage electric industry."

p. 17 (Ratsionalizatsiia) Vol. 7, no. 8, Aug. 1957  
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

LECHEV, ST.

"The Machine Registration Card as a Factor for Improving Work in Industrial Enterprises", p. 23. (RATSIONALIZATSIIA, Vol. 3, no. 3, Aug. 1953, Sofiya, Bulgaria).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

LECHEV, Stoian

International conferences on standardization. Ratsionalizatsiia  
13 no. 10:33-35 '63.

1. Gl. redaktor, "Ratsionalizatsiia standartizatsiia".

ATANASOV, Al.: LEACHEV, V.

Cases of clinical death during surgical treatment of severe burns. Khirurgia (Sofia) 18 no.4:477-482 '65

1. Institut za burza meditsinska pomosht "N.I. Pirogov",  
(gl. lekar Khr. Zdravkov).

PHASE I BOOK EXPLOITATION SOV/4782

Moscow. Institut stali

Proizvodstvo i obrabotka stali i splavor (Production and Treatment  
of Steel and Alloys) Moscow, Metallurgizdat, 1960. 462 p.

(Series: Itc; Shornik, 39) 2,100 copies printed.

Ed.: Ye. A. Borkov, Ed. of Publishing House: S. M. Teperev, Tuch.  
Ed.: M. R. Klyman, Editorial Council of the Institute: N. M. Grigorjan,  
Glinkov, Professor, Doctor of Technical Sciences; V. P. Tolstun, Professor,  
Doctor of Technical Sciences; A. A. Zhukovitsky, Professor, Doctor of  
Doctor of Chemical Sciences; I. N. Kidin, Professor, Doctor of Tech-  
nical Sciences; B. G. Livanov, Professor, Doctor of Tech-  
nical Sciences; A. P. Kudinov, Professor, Doctor of Technical  
Sciences; I. M. Pavlov Corresponding Member, Academy of Sciences  
USSR; and A. M. Polubriakov, Professor, Doctor of Technical Sciences.

PURPOSE: This book is intended for technical personnel in industry,  
scientific institutions and schools of higher education, dealing  
with open-hearth and electric-furnace steelmaking, metal rolling,  
physical metallurgy, metallurgy, and heat treatment. It may  
also be used by students specializing in these fields.

Coverage: The book contains results of theoretical and experimental  
investigations of metallurgical and heat-treating processes  
in open-hearth and electric furnaces. Data are included on the  
following: desulfurizing of pig iron outside the blast furnace,  
interaction of oxides of the carbide-forming metals with solid  
carbon, the change of content of gases in the bath of the open-  
hearth furnace in various periods of melting, intensification of  
the electric melting of steel etc. Other articles deal with  
the nonuniformity of deformation in rolling, the study of the  
continuous rolling process, the dependence of the friction —  
slipping coefficients in rolling on a number of factors, and  
other problems in the pressworking of metals. Articles on  
physical metallurgy and the theoretical principles and techniques  
of the heat treatment of steel are also included. No personnel  
titles are mentioned. References accompany most of the articles.  
There are 207 references, both Soviet and non-Soviet.

Card 2/10

Krivtina, B. G., and N. N. Rybnikov, Candidate of Technical Sci-  
ences [Department of Metallurgy]. Investigation of the Phase

Equilibrium in the Co-Cr-Al System

267

Kidin, I. M., Yu. A. Radin, Candidate of Technical Sciences,  
and K. S. Luchkevich, Engineer [Department of Physical Metal-  
lurgy and Macromechanics]. Kinetics of the Isothermal Trans-  
formation of Austenite Generated During Induction Heating,

in Ball-Bearing Steel

264

Bernstein, M. I., Doctor, Candidate of Technical Sciences,  
and T. N. Zolotova, Engineer [Department of Physical Metallurgy  
and Heat Treatment]. Effect of Austenitizing on  
the Tendency of Steel toward Temper Britteness

267

Xyroll, H. M., and B. I. Krasnoff, Candidate of Technical Sci-  
ences [Department of Metallography]. Properties of Co-Cr-Al  
Alloy

266

Kidin, I. M. Relationship Between Carbon Concentration in

Card 7/10

KILDIN, I. N., doktor tekhn.nauk; BASHNIN, Yu.A., kand.tekhn.nauk;  
LECHIKEVICH, K.S., inzh.

Kinetics of the isothermal transformation of austenite in  
roller bearing steel prepared with use of induction heating.  
Sbor.Inst.stali no.39:284-296 '60. (MIRA 13:7)

1. Kafedra metallovedeniya i termicheskoy obrabotki Moskovskogo  
ordena Trudovogo Krasnogo Znameni instituta stali im. I.V.  
Stalina. (Steel--Metallurgy) (Induction heating)

ISHCHENKO, N.K., inzh.; LECHIN, M.I., inzh.; VLASENKO, V.M.

Small mine ventilation apparatus. Shakht. stroi. 6 no.6:11-13  
Je '62. (MIRA 15:6)

1. Trest Artemshakhtstroy.  
(Mine ventilation--Equipment and supplies)

LECHIN, M.I., inzh.; LAZ'KO, A.D., inzh.; ZADOROZHNYY, A.Yo., inzh.

Donets Basin mine builders are introducing nonrolled waterproofing.  
Shakht. stroi. § no. 8:16-17 Ag '64. (I.M. 17:9)

1. Artemovskiy trest shakhchnogo stroitel'stva (for Lechin, Zadorezhnyy).
2. DonpromstroyIIIproyekt (for Laz'ko).

PALENCSAR, A., dr.; LECHINTAN, M., dr.; SERBAN, T., dr.; MAKAI, Margareta;  
KASZA, L., dr.

Chronic jaundice with conjugated bilirubin of the Rotor type.  
Considerations on a clinical case. Med. intern. (Bucur) 17  
no.2:233-235 F'65.

1. Lucrare efectuata in Clinica de boli infectioase Institutul  
medico-farmaceutic, Targu mures (director: prof. L. Kelemen).

SUSLINA, O.I.; LECHITSKAYA, R.I. (Moskva)

New methods of manufacturing men's shirts. Shvein. prom. no. 6:10-  
13 N-D '60. (MIRA 14:1)  
(Shirts, Men's)

LECHITSKAYA, R.I.

Technology of the manufacture of high quality men's shirts.  
Shvein.prom. no.3:36-39 My-Je '62. (MIRA 15:6)  
(Shirts, Men's)

LECHITSKIY, V. I.

KUTYREVA, V.P.; KAPLAN, S.L.; PIMENOVA, V.M.; GVOZDEVA, A.I.; TITKOVA, Z.V.;  
LECHITSKIY, V.I.; LEPIKHOVA, M.F.; BEELYANT, I.Ya., redaktor;  
TSIRUL'NITSKIY, N.P., tekhnicheskij redaktor

[Standard operations involved in trimming; a collection] Tipovye  
tekhnologicheskie protsessy proizvodstva otdelok; sbornik. Moskva,  
Vses.koop.szd-vo; 1957. 94 p.  
(MIRA 10:7)

1. Russia (1917- R.S.F.S.R.) Sovet promyslovoy kooperatsii.  
TSentral'naya optychno-teknicheskaya shveychnaya laboratoriya.  
(Dressmaking)

LECHITSKIY, V. [

Cooling needles of sewing machines. Leg.prom. 18 no.7:55-56 Jl '58.  
(MIRA 11:9)

(Sewing machines--Maintenance and repair)

LECHITSKIY, V.I., starshiy nauchnyy sotrudnik

Improvements in manufacturing sewing machines. Shvein. prem. no.2:  
35-38 Mr-Ap '59. (MIRA 12:6)

1.TSentral'nyy nauchno-issledovatel'skiy institut shveychnoy promyshlennosti.

(Sewing machines)

LECHITSKIY, V.I.

Specialization of universal sewing machines. Shvein,prom.  
no.1:33 Ja-F '60. (MIRA 13:6)  
(Sewing machines)

LECHITSKIY, V.I.

Swedish system for conveying semi-finished products in small  
series production lines. Shvein.prom. no.2:33-36 Mr-Ap '60.  
(MIRA 13:11)  
(Sweden--Assembly-line methods) (Clothing industry)

LECHITSKIY, V.I.

Great possibilities of mechanization on a small scale. Shvein.-  
prom. no.3:23-26 My-Je '62. (MIRA 15:6)  
(Clothing industry--Equipment and supplies)

LECHKAREV, V. A.

LECHKAREV, V. A. (Veterinarian, City of Ushhorod, Transcarpathian oblast.)  
On some symptoms of enteritis of the intestines in horses.

So: Veterinariya; 30; 11; November 1953; Uncl.  
TABCON

LECHKIN, V.V., aspirant

Use of statistical methods in the field of railroad expenditures.  
Trudy MIT no.145:32-87 '62. (MIRA 15:5)  
(Railroads--Accounts, bookkeeping, etc.) (Railroads--Statistics)

VINOGRADOV, A.N., kand.ekonomiceskikh nauk; LECHKIN, V.V., inzh.

Centralization and mechanization of inventory account-  
ing for available freight cars. Vest.TSNII MPS 19  
no.5:49-51 '60. (MIRA 13:8)

(Railroads--Accounts, Bookkeeping, etc.)  
(Railroads--Freight cars)

LECHNER, A.; ZOUBEK, F.

Lechner, A.; Zoubek, F.

Organization of harvesting in the Sokolnice Machine-Tractor Brigade. p. 203.

Vol. 5, no. 11, June 1955  
MECHANISACE ZEMEDILSTVI

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,  
Sept. 1955, Uncl.

Lechner, E.

✓ 36.68\* Study on the Empirical Formula for the Tolerance Unit. Étude sur la formule empirique de l'unité de tolérances. (French.) E. Lechner, Acta Technica Academae Scientiarum Hungaricae, v. 10, nos. 1-2, 1955, p. 243-253.

The amount of the tolerance is obtained by consideration of the dispersion of the fabrication dimensions. Graph, table.

LECHNER, E.

TECHNOLOGY

PERIODICA POLYTECHNICA. ENGINEERING. (Budapesti Műszaki Egyetem) Budapest.

LECHNER, E. Suggestions on the determination of the safety zone in the ISO recommendation for limits and fits. In English. p. 83.

Vol. 2, no. 2, 1958.

Monthly List of East European Accession (EEAI) BC VOL. 3, No. 3  
March 1959, Unclass.

LECHNER, Egon, a műszaki tudományok kandidátusa

International I.S.O screw threads. Szabvány közl 17 no. 2:55-60  
F '65.

1. Hungarian Bureau of Standards, Budapest.

LECHNER, Egon

Permissible surface roughness of joints and gauges. Finommechanika  
4 no.4:97-101 Ap '65.

1. Hungarian Bureau of Standards, Budapest.

LEGH'ER, Egon, a ruszaki tudomanyok kandidatusa

Data on the accuracy or uncertainty of industrial length  
measurements in case of large dimensions. Meres automat  
9 no.1:4-7 Ja '61.

LECHNER, Egon

Measuring large dimensions by theodolite. Meres automat 12  
no. 7:225 '64.

LECHNER, Egon, a muszaki tudomanyok kandidatusa.

Development in the concept of "tolerance" and "fitting."  
Szabvany kozl 16 no.18 9-11 Ja'64.

1. Magyar Szabvanyugyi Hivatal.

WABROSCH, G.; LECHNER, F.

Ureterocystoneostomy. Acta chir. acad. sci. Hung. 6 no.4:  
447-452 '65.

1. Department of Urology (Head: Dr. A. Noszkay), Municipal Johns's  
Hospital, Budapest. Submitted March 18, 1965.

PODHRAGYAI, Laszlo.; LECHNER, Ferenc.

Cases of lipoleiomyosarcoma and leiomyoma in the kidney.  
Kiserletes orvostud. 7 no.6:668-670 Nov 55.

1. Vovarosi Uzsoki utcai korhaz prosecturaja es urologiai  
osztalya.

(LEIOMYOSARCOMA

lipoleiomyosarcoma in kidney, pathol. (Hun))

(LEIOMYOMA

kidney, pathol. (Hun))

(KIDNEYS, neoplasms

leiomyoma & lipoleiomyosarcoma, pathol. (Hun))

PODHRAGYAI, Laszlo, Dr.; LECHNER, Ferenc, Dr.

Role of the blood vessels in congenital cysts of the kidneys; 2 cases of Funfack's cystic remnants of pronephros and 1 case of congenital polycystic kidney. Magy. sebeszet 10 no.5-6:366-371 Oct-Dec 57.

1. A Fovarosi Uzsoki-utcai korhaz prosecturajanak (ig. f. o. Tarkas Karoly az orvostudomanyok doktora0 es urologia osztalyanak (f. o. Kalo Andor dr. kandidatus0 kozlemenye.

(KIDNEYS, cysts

congen. polycystic kidney & cystic remnants of pronephros with vasc. involvements, case reports (Hun))

Johnson, Farrene; FATH, Robert; MICHNER, Sybil

Increasing the durability of the film base containing 100% of  
Copolymeratechn. I no. 4,354,367 & 156.

1. Orion Radio, Television and Manufacturing Enterprise.

LECHNER, Laszlo, oklevoles villamosmernok

Experiences and lessons from hoarfrost formation in the Central  
Bakony Mountains and the Balaton highland. Villamossg 13 no.3:  
65-72 Mr '65.

1. Electric Power Supply Enterprise of North Dunantul.

LECHNER, Laszlo; DE CHATEL, Agnes

Investigation of various gas chromatographic carriers in connection  
with the determination of octachlorine-cyclopentene. Magy kem  
folyoir 70 no.3:113-115 Mr '64.

1. Research Institute of the Heavy Chemical Industry, Veszprem.

LECHNER, Zsuzsa, dr.; CSAKANY, Gyorgy, dr.

X-ray diagnosis of a cholecysto-duodenal fistula originated from  
cancer of gall bladder. Magy. Radiol. 8 no.3:170-173 Aug 56.

1. A Budapesti Istvan Korhaz (igaz gato: Katona, Istvan, dr.)  
Rontgen-osztalyanak kozlemenye.

(GALL BLADDER, fistula

cholecystoduodenal, in gall bladder cancer, x-ray diag.  
(Hun))

(DUODENUM, fistula  
same)

STRAUB, Gyula; LECHNERNE DE CHATEL, Agnes

Application of fluorones in analytic chemistry, Pt.3. Veszprem vegyip egy kozl 4 no.2:115-121 '60

1. Veszpremi Vegyipari Egyetem Analitikai Kemial Tanszek.

DOBROTA, S.; KAMENSKY, P.; LECHNEROVA, V.

Intrathoracic subpleural lipoma. Bratisl. lek. listy 43 Pt. 2  
no. 5:280-285 '63.

1. II chir. klinika Lek. fak. Univ. Komenskeho v Bratislave,  
prednosta akad. K. Siska, Mestska nemocnica s 2. poliklinikou,  
detske oddelenie v Bratislave, prednosta MUDr. P. Kamensky.

(THORACIC NEOPLASMS) (LIPOMA)  
(PNEUMOPERITONEUM)

WOBRZANSKI, Wladyslaw T.; LECHNIO, Zofia

In vitro studies on the sensitivity of pathogenic staphylococci to  
oleandomycin, triacetyloleandomycin and erythromycin. Przegl. epidemic.  
15 no.2:143-149 '61.

1. Z Zakladu Mikrobiologii i Higieny Akademii Medycznej w Warszawie  
Kierownik: prof. dr R. Pakula.

(STAPHYLOCOCCUS pharmacol)  
(OLEANDOMYCIN pharmacol)  
(ERYTHROMYCIN pharmaeol)

LECHOTO, Zbigniew, mgr inz.

Ground fault protection as a cause for deepening breakdown. Wiad  
elektrotechn 32 no.3:79-80 Mr '65.

LECHOWA, Lidmila; CHABOWSKI, Wladyslaw

The Shaw method in precision molding in Great Britain, U.S.A.,  
and Japan. Przegl odlew 14 no.12:338-341 D '64.

LECHOWICZ, Włodzimierz, mgr

Development of association activities as one of the conditions for  
better experiment work of small business. Przegl mech 22  
no.7/8;195 10-25 Ap '63,

1. Chairman, Committee of Small Industry, Warsaw.

LECHOWSKA, M.

LECHOWSKA, M. Tobacco-pipe makers of Ratulow. p. 9.

Vol. 28, no. 10, Oct. 1956

TURYSTA

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

GLOWINSKI, Mieczyslaw; LACHOWSKA, Jadwiga; NORKA, Irena; TARCZONOWSKI,  
Eugeniusz.

The problem of toxoplasmosis in the light of clinical studies.  
Wiad. parazytol. 10 no.4:365-366 '64

1. I Klinika Pediatrii i Chorob Kobietych Slaskiej Akademii  
Medycznej, Zabrze.

GLOWINSKI, Mieczyslaw; NORSKA, Irena; LECHOWSKA, Jadwiga

Fate of children after prophylactic treatment of mothers in  
preventing congenital toxoplasmosis. Wiad. lek. 18 no.17:  
1375-1380 1 S '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Slaskiej AM w  
Zabru (Kierownik: prof. dr. med. M. Glowinski).

GLOWINSKI, Mieczyslaw; LECHOWSKA, Jadwiga; NORSKA, Irena;  
SAMOCHOWIEC, Eugeniusz

Treatment of pregnant women in the prevention of congenital  
toxoplasmosis. Wiad. lek. 18 no.16:1303-1308 15 S '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Slaskiej AM  
w Zabru (Kierownik: prof. dr. med. M. Glowinski).

LACHOWSKI, Leszek, dr inż.

Concentration cells; theory and prospects of obtaining electric power. Przegl. elektrotechn. 40 no. 7(323-325) '64.

LECHOWSKI, Stanislaw

Regional differences of body temperature in intracranial  
neurosurgical interventions under general anesthesia asso-  
ciated with hypothermia. Folia med. Cracov. 7 no.1:97-114  
'65.

LECHOWSKI, Tadeusz, dr inz.

Errors in measurements of the pitch diameter of threads caused  
by the measuring pressure. Przegl mech 22 no. 13:616 10 Jl '63.

1. Katedra Technologii Budowy Maszyn, Politechnika, Czestochowa.

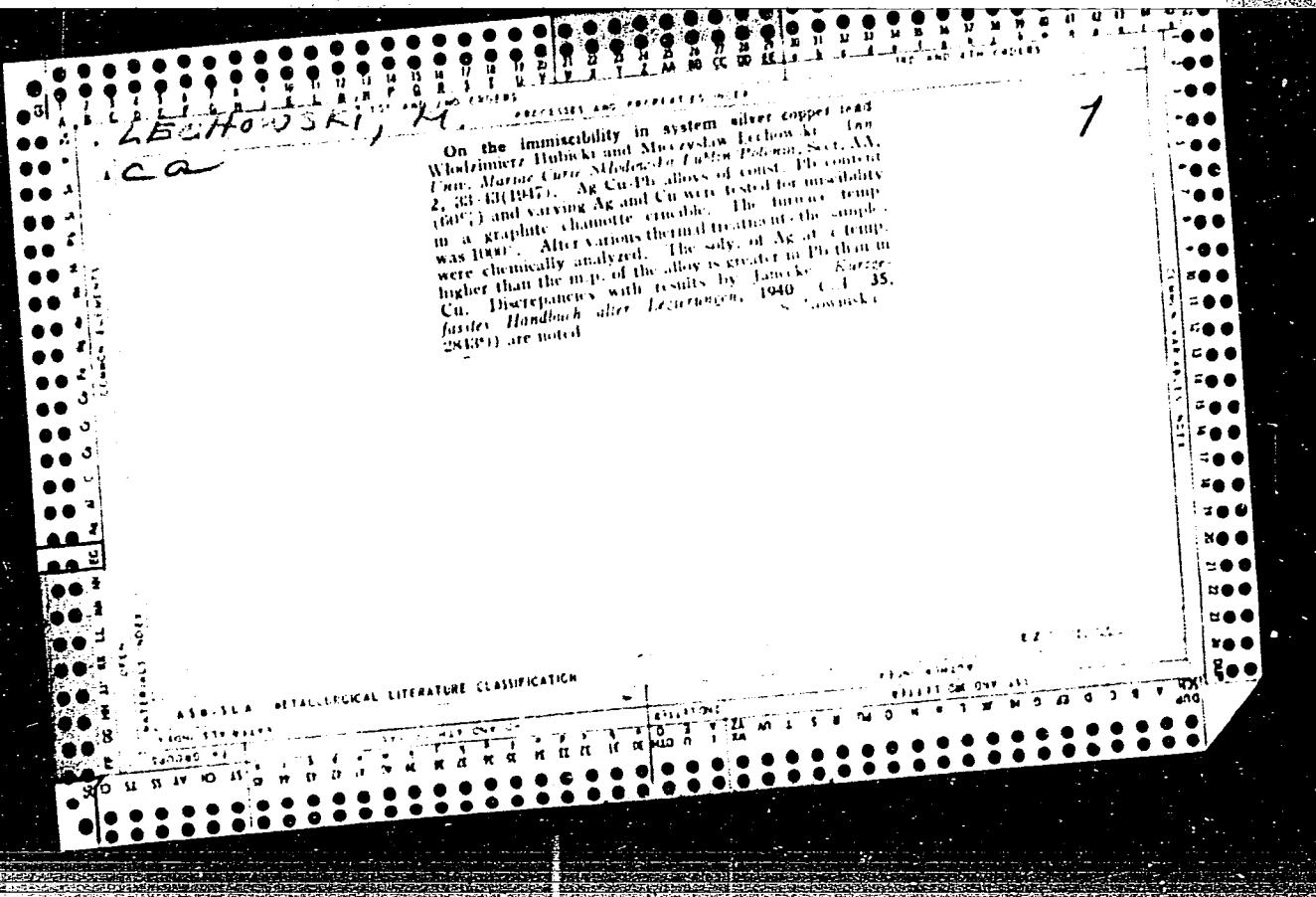
LECHOWICZ, Wladzimierz

The Departments of Industry and the tasks of small business  
in the year 1962. Przegl drobn wytvor 12 no.1:1-3 Ja '62.  
1. Przewodniczacy Komitetu Drobnej Wytworczości, Warszawa.

*Lechowski, L.*

Structural analogs of *p*-aminosalicylic acid. Z. Ledóchowski, J. Czernik, and L. Lechnowski. *Przemysł Chemiczny*, 31(8), 355-7 (1952).

The synthesis of the following 3 new structural analogs of PAS is described: 4,2-H<sub>2</sub>NCSNH-(MeO)C<sub>6</sub>H<sub>4</sub>Cl (I), 4,2-H<sub>2</sub>NCONH(MeO)C<sub>6</sub>H<sub>4</sub>Cl (II), and 4,2-H<sub>2</sub>NCONH(HO)C<sub>6</sub>H<sub>4</sub>Cl (III). I is prep'd. by treating 3 g. 4,3-CI(MeO)C<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> (IV) in 40 cc. H<sub>2</sub>O with 6 g. NH<sub>2</sub>CNS in 10 cc. H<sub>2</sub>O, evapg. to dryness on a water bath, heating the residue in a flask equipped with a reflux condenser, 1 hr. at 140° on an oil bath, pouring the contents into a small mortar, grinding the solidified mass, extg. it twice with ether, filtering off the residue, drying, boiling twice in 50 cc. H<sub>2</sub>O, adding NaOH to the combined filtrates, and crystg. the small amt. ppt. from EtOH to give I, m. 260° (9.5 g. from 15 g. IV). II is prep'd. by treating 3 g. I in 50 cc. 60% EtOH with 5 g. HgO, heating 15 min. at 60°, filtering hot after the black-HgS has pp'd., evapg. the filtrate to 1/4 its original vol., and setting it aside to crystallize; recrystl. from EtOH gave 0.8 g. II, m. 196.5°. III is prep'd. by heating 2 g. 6,3-CI(H<sub>2</sub>N)C<sub>6</sub>H<sub>4</sub>OH.HCl with 6 g. urea 90 min. at 115-20°, pouring the mixt. out into an evapg. dish to solidify, breaking up the solid, shaking 10 min. with 50 cc. warm water, filtering and repeating the procedure; the combined filtrates deposited fine white crystals, m. 173-8°, which when recrystl. from H<sub>2</sub>O, gave 0.6 g. III, m. 179-80°. I and II are sol. in alc., weakly sol. in H<sub>2</sub>O; III is sol. in both alc. and H<sub>2</sub>O. Tuberculostatic investigations are in progress. Frank Gonet



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neurosurgical clinic of the Academy of Medicine in Krakow.  
Neur. &c. polska 6 no.1:13-18 Jan-Feb 56.

l. Z Kliniki Neurochirurgicznej A. M. w Krakowie. Kierownik:  
prof. dr. A. Kunicki.

(BRAIN, surgery,  
with controlled hypotension. (Pol))

(HYPOTENSION,  
controlled in brain surg. (Pol))

LECHOWSKI, Stanislaw (Krakow, Klinika Neurochirurgiczna A.M.)

2 Cases of subdural hematoma following head injury during boxing training. Polski tygod. lek. 14 no.9:394-396 2 Mar 59.

1. Z Kliniki Neurochirurgicznej A.M. w Krakowie; kierownik: prof. dr Adam Kunicki. Adres: Krakow, Klinika Neurochirurgiczna A.M.

(ATHLETICS, wds. & inj.

head inj. causing subdural hematoma in boxers during train., case reports (Pol))

(CEREBRAL HEMORRHAGE, etiol. & pathogen.

subdural hematoma following head inj. in boxers during train., case reports (Pol))

(HEAD, wds. & inj.  
in boxers during train. causing subdural hematoma, case reports (Pol))

Leczenie stanów CHAŁASIKI, Józef

Subdural hematom w reakcji na leki - przypadek 1000/1986  
I F 65.

I. Z Kliniki Neurochirurgii Uniwersyteckiego Szpitala im. W. Skłodowskiej-Curie w Krakowie  
(Kierownik PBO: prof. dr hab. med. J. Szwed, kierownik Kliniki Neurochirurgii: dr hab. med.  
Janusz Gajda, wykładowca: dr hab. med. J. Kowalewski, p. rezydent dr. med. J. Borlinski).

LECHOWSKI, Z.

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4, 1953 Lechowski B., Nowaczyk H. Routine Testing of Value  
hanics, Electrotechnics, Arresters. Eksploracyjne badanie odgromników  
er zaworowych. Energetyka. No. 6, 1952, pp. 285-290,  
4 tabs.  
Tests were carried out at the Electrical Laboratory  
of the ZEOZ (Western District Power Administration)  
Overcurrent Insulation Service to determine, for  
Siemens, AEG, Szpotanski and ASEA type arresters  
in use, the static and surge voltage, together  
with leakage current at a constant voltage. Ten  
per cent of the arresters examined revealed that  
values ascertained by measuring deviated from  
rated value and had to be disqualified. The article  
contains a report on the test results and on the  
nature of the damage discovered in the arrester.  
The authors deal with the repairs affected,  
resulting in 70 per cent of the defective arresters  
being restored to full service capacity. Attention  
is drawn to the necessity for periodical examination  
of arresters, as a means towards ensuring the safety  
of the appropriate equipment. In spite of the view  
expressed by certain firms of arrester manufacturers  
to the effect that there is no need for the arresters  
to be examined or even dismantled while they are in  
*(C-12)*

service, examination of such arresters is undoubtedly imperative.

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Lechowski Z. Characteristic Conditions for Investigating Incomplete Discharges in the Insulation of Rotation Machines.<sup>27</sup>

"Charakterystyczne warunki badania niewykonnych w izolacji maszyn wirujących". Energetyka, No. 6, 1956, pp. 262-264, 9 figs.

3

The author, having completed a series of experiments, concludes that the impulses excited by ionization are transferred in waves and by way of the electromagnetic field and the capacitive coupling, from the ionizing area to the point of coupling. Therefore, measuring should be done by using wave-transmitted impulses, since these are of higher amplitude. Whenever the resonance coupling system is applied, the frequency of the natural vibration of the system should be so selected as to provide damping in the winding. The author's experiments confirmed that it is possible to compare the incomplete discharges in the insulation systems of various generators provided the specific properties of the winding are taken into consideration. It is then best to use scaling impulses. Examination of incomplete discharges determines the kind of discharge and detects the particularly dangerous creeping discharges. It also makes possible detailed evaluation of the insulation.

11  
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Uncl.

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1. Department of Electric Material, Institute of Electrical Engineering, Warsaw (for Caban). 2. Institute of Power Engineering, Warsaw (for Lechowski).

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Influence of glow discharges on the aging process of the  
main insulation of a generator stator. Przegl elektrotechn  
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1. Electric Department, Institute of Power Engineering, Poznan.

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Fatigue strength of low-alloyed steels in specimens and frame  
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Lek. listy 6 no.15:453-456 1 Aug 1951. (CML 20:11)

l. Of the Pharmacological Institute of the Medical Faculty of  
Masaryk University, Brno (Head -- Prof. Jiri Stefl, M.D.).

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l. Z Farmakologickeho ustavu lek. fak. MU v Brne; predn. prof.  
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(TANNIN, effects

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(ALKALOIDS, poisoning

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TRZEBIATOWSKI, W.; TROC, R.; LECIEJEWICZ, J.

Magnetic properties of some uranium nitrides and carbides. Bul chim  
PAN 10 no.8:395-398 '62.

1. Institute of Physical Chemistry, Wrocław Branch, Polish Academy  
of Sciences, and Department of Inorganic Chemistry, Technical University,  
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BURAS, Bronislaw; LECIEJEWICZ, Janusz

A time-of-flight method for neutron diffraction crystal structure investigations. Nukleonika 8 no.1:75-77 '63.

1. Institute of Nuclear Research, Warszawa - Swierk, Laboratory of Nuclear Physics II.

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4

L 11138-65 EWT(m)/EPP(c)/EPP(n)-2/EPR Pr-4/Ps-4/Pu-4

ACCESSION NR: AP4045663

P/0046/64/009/07-/0523/0537

AUTHOR: Buras, B.; Leciejewicz, J. (Letseyevich, Ya.); Sosnowska, I. (Sosnovska, I.); Sosnowski, J. (Sosnovski, Ye.); Nitec, W. (Nitts, V.); Shapiro, F.

TITLE: The time-of-flight method for investigations of neutron crystal structure and its possibilities in connection with very high flux reactors //

SOURCE: Nukleonika, v. 9, no. 7-8, 1964, 523-537

TOPIC TAGS: powdered crystal, neutron structure, time of flight method, powdered crystal structure, diffraction peak

ABSTRACT: A new method for investigating the neutron structure of powdered crystals using the time-of-flight technique is described. A pulsed neutron beam is scattered on a powdered crystal, and the intensity of the scattered neutrons is measured at a fixed angle  $2\theta$  by means of neutron counters connected to a multichannel time analyser. As a result the dependence of intensity on neutron wave lengths is

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L 14438-65  
ACCESSION NR: AP4045663

obtained. The peaks are indexed in the usual manner, while the structure factors are determined using a formula for integrated intensity specially derived for this type of experiment. According to this formula the integrated intensity is proportional to the fourth power of the wavelength, thus distinguishing peaks of longer waves so that peaks corresponding to 4—5 Å are also clearly visible. This is very suitable for studying crystals with large unit cells and for studies requiring a very high resolution. Additional advantages of this method are: no higher-order contaminations and an appreciable shortening of the exposure time as compared with the conventional method. The feasibility of this method was proved experimentally at the EWA reactor in Swierk (Poland) (using a chopper) and at the pulsed reactor IBR in the Joint Institute of Nuclear Research in Dubna, USSR, (with a very high flux in the pulse) using powdered samples of Pb, Al, Si, Zn, ZnO. Orig. art. has: 12 figures, 5 formulas, and 2 tables.

ASSOCIATION: none

Card 2/3

L 14438-65

ACCESSION NR: AP4045663

SUBMITTED: 00

ENCL: 00

SUB CODE: SS, NP

NO REF SOV: 003

OTHER: 005

Card 3/3

L 10954-66	EWT(m)/EPF(n)-2/EWP(t)/EWP(b)/EWA(h)	IJP(c)	JD
ACC NR: AP6004283	SOURCE CODE: GE/0063/65/336/01-/0104/0105		
AUTHOR: Fayek, M. K.; Leciejewicz, J.	55,44	44 55	55,44
ORG: [Fayek] Atomic Energy Establishment, Cairo, United Arab Republic; [Leciejewicz] Institute for Nuclear Research, Swierk Research Establishment, Otwock, Poland			
TITLE: Neutron-diffraction study of Pb sub 3 O sub 4	19,55,44		
SOURCE: Zeitschrift fur anorganische und allgemeine Chemie, v. 336, no. 1-2, 1965, 104-105			
TOPIC TAGS: lead oxide, neutron diffraction, crystal structure, crystallography	21		
ABSTRACT:	The oxygen coordination in <u>Pb<sub>3</sub>O<sub>4</sub></u> was investigated by utilizing the diffraction of thermal neutrons, where lead and oxygen atoms have comparable scattering amplitudes of $0.96 \times 10^{-12}$ cm. and $0.577 \times 10^{-12}$ cm., respectively. In the crystal structure of <u>Pb<sub>3</sub>O<sub>4</sub></u> each oxygen atom is bound to two lead atoms at a distance of 2.14 and 2.18 Å, respectively. The results obtained confirm the findings reported by BYSTROEM, A., and WESTGREN, A., in <u>Ark. Kemi Mineralog. Geolog.</u> , Vol 16B, No 14, 1943 [page number(s) not given].		
M. K. Fayek thanks the International Atomic Energy Agency for granting a fellowship during which tenure this work was completed. The technical assistance of Miss Barbara Rutkowska is gratefully acknowledged. Orig. art. has: 1 figure and 5 tables.	JPRS/74 55		
SUB CODE: 20 / Card 171 78	SUEN DATE: 07Aug64	/ ORIG REF: 001	OTH REF: 010

L 36253-66 EWP(t)/ETI IJP(c) GG/ES/WW/JD/JG

ACC NR: AP6019270 SOURCE CODE: GE/0030/66/015/002/0515/0519 52  
(P)

AUTHOR: Troc, R.; Leciejewicz, J.; Ciszewski, R. 50  
B

ORG: [Troc] Institute for Inorganic Chemistry, Wroclaw Technical University, Wroclaw; [Leciejewicz] Institute of Nuclear Research, Swierk/Otwock; [Ciszewski] Institute of Physics, Warsaw Technical University, Warsaw

TITLE: Antiferromagnetic structure of uranium diphosphide 21

SOURCE: Physica status solidi, v. 15, no. 2, 1966, 515-519

TOPIC TAGS: uranium diphosphide, antiferromagnetic structure, magnetic structure, magnetic moment, neutron diffraction

ABSTRACT: The antiferromagnetic structure of tetragonal UP<sub>2</sub> below the Neel temperature (203K) is determined by neutron diffraction with polycrystalline samples. The magnetic cell is twice the length of the chemical one along the c-axis. The magnetic structure consists of ferromagnetic sheets of uranium stacked along the c-axis in a + - - + order. The magnetic moments of the uranium are parallel to the c-axis;

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L 36253-66

ACC NR: AP6019270

2

their magnitude is  $(1.0 \pm 0.1)$  BM. The authors are indebted to Professor V. Trzebiatowski and Professor B. Buras for their kind interest in this study. Orig. art. has: 1 table and 4 figures. [KS]  
[Authors' abstract.]

SUB CODE: 20, 07/ SUBM DATE: 15Mar66/ ORIG REF: 004/  
OTH REF: 009

ms  
Card 2/2

LECIEJEWICZ, Lech

The 6th National Polish Reporting Conference on Archaeology.  
Nauka polska 10 no.3:138-139 My-Je '62.

1<sup>st</sup> Instytut Historii Kultury Materiałnej, Warszawa.

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(Kierownik: dr farm. J. Stomska-Schmitt); Z I Kliniki Reumato-  
logicznej Institutu Reumatologicznego (Kierownik: doc. dr med.  
J. Pagowska-Wawrzynska); Z zakladu Biochemii Instytutu Reumato-  
logicznego (Kierownik: dr med. I. Namyslowska-Niedzwiecka).

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1. Institut "Duro Dakovic", Salvonski Brod, clan Redakcijskog saveta, "Zavarivanje" (for Lukacevic).

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Data and methods for computing the level of the karstic waters  
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SO: Monthly List of East European Accession (EMAL) LC, Vol. 6, no. 6, June 1957. Uncl.

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